



AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

ABSTRACT OF THE DISCLOSURE

A process for producing a solid catalyst component used in the polymerization or copolymerization of ethylene which includes the steps of impregnating an activated particulate silica with a solution of an organic metallic compound and also with a solution of a magnesium and titanium compound and further reacting the impregnated solid catalyst component with a chlorine-containing agent and thermally treating the thus impregnated solid catalyst component. The solid catalyst produced by the present process is unique in its use as a polymerization or copolymerization catalyst in the production of polyethylene possessing unique properties.